

PP Series – PP Micron Melt Blown Depth Filter Cartridges



PP Series

PP Micron Melt Blown Depth Filter Cartridge

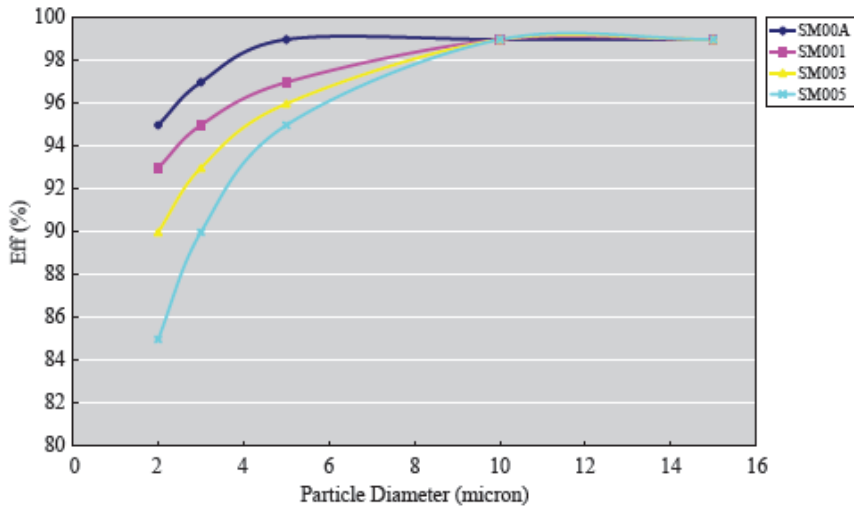
- Micron ratings of 1.0 to 5.0
- Available in lengths 9.87", 10", 20", 30" and 40".
- NSF42 and FDA CRF Title 21 certified
- 100% Polypropylene allows compatibility with most process fluids
- Micro-denier melt blown fiber provides high removal ratings
- Continuously gradient pore structure provides
 - Increased holding capacity
 - Longer service life
 - Lower pressure drop
- Formed by thermal bonding without use of binders or adhesives
- Recommended uses
 - Chemical – Low viscosity solutions
 - Electronics – Coolant
 - Film – Fixative
 - Machine – Recycled water
 - Paint – Spray paint
 - Water treatment – Pre-filtration



Specifications

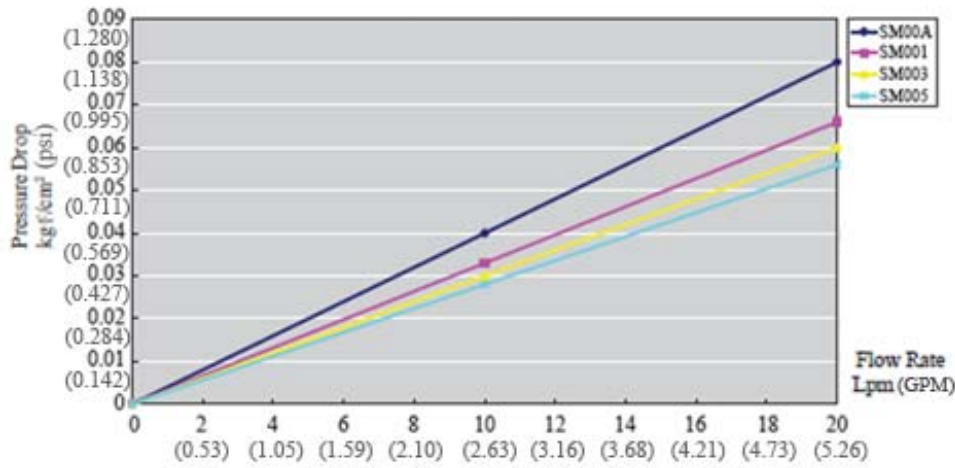
Item	Technical data
Micron ratings (micro)	0.5 1.0 3.0 5.0
Material of construction	100% Melt Blown Micron-denier Polypropylene Fiber
Length (inch)	9.87 10 20 30 40
Inner diameter (inch)	1.1
Outer diameter (inch)	2.5
Maximum operating forward pressure	176 °F: 17 psi 140 °F: 30 psi 68 °F: 60 psi
Recommended replaceable pressure drop	30 psi
Industry	Chemical, Electronics, Film, Machine, Paint, Water Treatment
Maximum working temperature	176 °F

Efficiency of Filtration

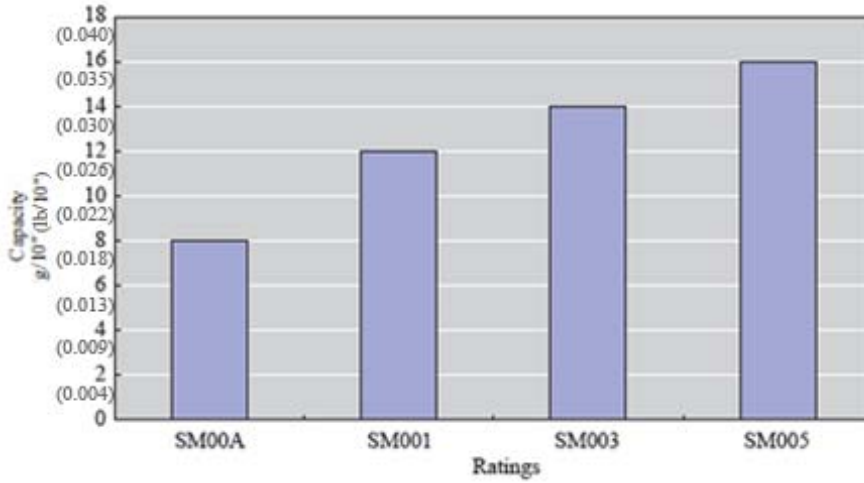


Micron Ratings
 SM 00A = 0.5
 SM 001 = 1.0
 SM 003 = 3.0
 SM 005 = 5.0

Initial Pressure Drop



Capacity of Dust



Micron Ratings
SM 00A = 0.5
SM 001 = 1.0
SM 003 = 3.0
SM 005 = 5.0

Product Codes					
SM-	0987-	005-	E	0-	P-
	Bag Length	Micron Rating	O-ring	End Cap	Inner Core
	0987=9.87" 1000=10.0" 2000=20.0" 3000=30.0" 4000=40.0"	00A=0.5 001=1 003=3 ...up to... 100=100	E=EPDM N=Buna N S=Silicone V=VITON T=PFA encapsulated w/ Viton A=PE (gasket only) *	Blank=Double Open F= Double Open w/ Cap (DOE) 0=222/Flat 5=222/Fin 6=226/Flat 7=226/Fin	P = PP

* PE gasket with max temperature of 140°F

Example:

SM-0987-005-E-0-P